

Notice of Allowability

Application No.

09/139,023

Examiner

Joseph R. Pokrzywa

Applicant(s)

TAKI ET AL.

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to reply dated 11/10/04.
2. ☒ The allowed claim(s) is/are 1-3,5-15,21,24 and 28 (renumbered as claims 1-14,16,17 and 15, respectively).
3. ☒ The drawings filed on 24 August 1998 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 2/01/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Joseph R. Pokrzywa
Primary Examiner
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DETAILED ACTION

Response to Arguments

1. Applicant's arguments, see pages 1-3, filed 11/10/04, with respect to the rejection of claim 24, cited as being anticipated by Huttenlocher *et al.* (U.S. Patent Number 6,01,905), have been fully considered and are persuasive. The examiner concedes that Huttenlocher fails to expressly disclose of changing a specific page each time one unit of transmission data corresponding to one block is sent. Therefore, the rejection of claim 24 has been withdrawn.

Information Disclosure Statement

2. The references listed in the Information Disclosure Statement submitted on 2/1/05 have been considered by the examiner (see attached PTO-1449).

Allowable Subject Matter

3. **Claims 1-3, 5-15, 21, 24, and 28 are allowed (renumbered as claims 1-14, 16, 17, and 15, respectively).**

4. The following is an examiner's statement of reasons for allowance:

Regarding *claim 1*, in the examiner's opinion, it would not have been obvious to have a system, as claimed, include the features requiring the sending apparatus to repeatedly send transmission data corresponding to a different block included in a specific page, changing the specific page each time one unit of transmission data corresponding to one block is sent, and also requiring the receiving apparatus to refer to page information by checking page information in

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the header information each time document information is received, to select the page from the plurality of pages if recognized that at least one page of the document should be received, and to receive the selected page of the document information so as to display the document information on a display panel. The closest prior art, noted as Ogata *et al.* (U.S. Patent Number 4,827,349) and Huttenlocher *et al.* (U.S. Patent Number 6,011,905), each do not expressly teach of these features. Particularly, each fail to expressly disclose of changing the specific page each time one block unit is sent, and also requiring the receiving apparatus to refer to page information by checking page information in the header information each time document information is received. Because of this, the claim is rendered allowable.

Regarding **claim 21 (renumbered claim 16)**, in the examiner's opinion, it would not have been obvious to have a system, as claimed, include a sending apparatus comprising a spreading device for spreading the communication signal by using a spreading sequence and a receiving apparatus comprising an inputting device for inputting a password, a spreading sequence generating device for generating the spreading sequence by using the input password, a disspreading device for disspreading the received communication signal by using the spreading sequence and an extracting device for extracting the document information from the disspreading communication signal. The closest prior art, noted as Ogata *et al.* (U.S. Patent Number 4,827,349) and Huttenlocher *et al.* (U.S. Patent Number 6,011,905), each do not expressly teach of these features. Particularly, each fail to expressly disclose of changing the specific page each time one block unit is sent, and also requiring the receiving apparatus to refer to page information by checking page information in the header information each time document information is received. Because of this, the claim is rendered allowable.

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Regarding *claim 24 (renumbered claim 17)*, in the examiner's opinion, it would not have been obvious to have an apparatus, as claimed, include the features of changing the specific page each time one unit of transmission data corresponding to one block is sent. The closest prior art, noted as Ogata *et al.* (U.S. Patent Number 4,827,349) and Huttenlocher *et al.* (U.S. Patent Number 6,011,905), each do not expressly teach of this feature. Particularly, each fail to expressly disclose of changing the specific page each time one block unit is sent. Because of this, the claim is rendered allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Citation of Pertinent Prior Art

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Mukai (U.S. Patent Number 5,825,508) discloses a system of receiving image data frames;

Watanabe *et al.* (U.S. Patent Number 5,432,620) discloses a mixed mode communication apparatus; and

Yoshida (U.S. Patent Number 5,127,013) discloses a data communication system.

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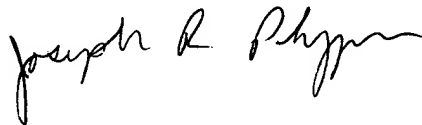
Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joe Pokrzywa whose telephone number is (571) 272-7410. The examiner can normally be reached on Monday-Friday, 9:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Joseph R. Pokrzywa
Primary Examiner
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jrp